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↑ ABSTRACT

The Management of Distributed Applications and Systems (MANDAS) project addresses problems arising in the management of distributed applications. Specifically, we are studying the areas of configuration management, fault management, performance management, and application metrics and modeling. We are also investigating the tools, techniques, and services needed to support the above management applications. The MANDAS *Management Information Repository* (MIR) provides database support for the management applications and supports their integration into a single management environment. In this paper, we examine the problem of distributed applications management to extract the requirements for an MIR. We present an information model for distributed applications management and outline a prototype MIR developed for the MANDAS project.

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Note: OCR errors may be found in this Reference List extracted from the full text article. ACM has opted to expose the complete List rather than only correct and linked references.

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↑ INDEX TERMS

Primary Classification:

C. Computer Systems Organization

C.2 COMPUTER-COMMUNICATION NETWORKS

C.2.4 Distributed Systems

Subjects: Distributed applications

Additional Classification:

C. Computer Systems Organization

C.4 PERFORMANCE OF SYSTEMS

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D. Software

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C D.2.8 Metrics

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+ H.2 DATABASE MANAGEMENT

H.2.1 Logical Design

Subjects: Data models

+ H.2.7 Database Administration

Subjects: Data warehouse and repository

General Terms:

Algorithms, Design, Experimentation, Management, Theory

Keywords:

distributed applications management, information modeling, repositories

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S79	15	(count\$3 determin\$3) adj2 number adj2 (nodes files items) adj2 directory	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2006/09/14 11:10

S80	15	(count\$3 determin\$3) adj2 number adj2 (nodes files child\$3 items) adj2 directory	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2006/09/14 11:16
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S99	441	(count\$3 determin\$3) with number adj2 nodes with (storage server system folder directory)	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2006/09/14 13:44

S10 0	143	(count\$3 determin\$3) adj2 number adj2 nodes with (storage server system folder directory)	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2006/09/14 13:44
S10 1	. 19	(count\$3 determin\$3) adj2 number adj2 nodes adj2 (storage server system folder directory)	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2006/09/14 13:44